

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Application Number	10/646,348
Filing Date	August 22, 2003
First Named Inventor	Rajinder Singh
Art Unit	1615 1625
Examiner Name	Unknown ZNDavis
Attorney Docket Number	28570/US/US

Sheet 1 of 3

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Cite No.	DOCUMENT NUMBER Number - Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ZND		US- 4,752,324	06/21/1988	Thomas et al.	
		US- 5,151,441	09/29/1992	Mueller et al.	
		US- 5,256,666	10/26/1993	Mueller et al.	
		US- 5,463,071	10/31/1995	Himmelsbach et al.	
		US- 5,814,627	09/29/1998	Schwab et al.	
		US- 6,355,669	03/12/2002	Yamauchi et al.	
		US- 2002/0035156A1	03/21/2002	Roniker et al.	
		US- 2002/0049213A1	4/25/2002	Weidner-Wells et al.	
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**FOREIGN PATENT DOCUMENTS**

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
ZND	✓	JP	04124178A	04/24/1992	SDS Biotech KK		<input type="checkbox"/>	<input type="checkbox"/>
	✓	EP	563686A1	03/18/1993	Bayer AG		<input type="checkbox"/>	<input type="checkbox"/>
	✓	WO	93/17671	09/16/1993	Statens Seruminstitut		<input type="checkbox"/>	<input type="checkbox"/>
	✓	WO	94/17059	06/04/1994	Nippon Soda Co., Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
	✓	WO	95/24397	09/14/1995	Hoeschst		<input type="checkbox"/>	<input type="checkbox"/>
		WO	98/47509	10/29/1998	G.D. Searle & Co.		<input type="checkbox"/>	<input type="checkbox"/>
ZND		WO	99/20309	04/29/1999	Eisai Co. Ltd.		<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE *Zina Davis*

DATE CONSIDERED 2/27/2006

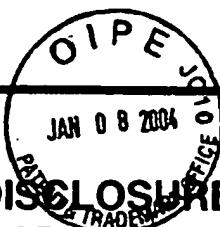
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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/646,348
Filing Date	August 22, 2003
First Named Inventor	Rajinder Singh
Art Unit	1615-1625
Examiner Name	Unknown ZNDAVIS

Sheet 2 of 3

Attorney Docket Number 28570/US/US

## FOREIGN PATENT DOCUMENTS

*Examiner Initial	Cite No.	FOREIGN PATENT DOCUMENT		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TRANSLATION	
		Country Code:	Number - Kind Code (if known)				YES	NO
ZND		WO	99/04390	01/28/1999	Sony Corporation		<input type="checkbox"/>	<input type="checkbox"/>
		EP	92/7992 A1	07/07/1999	Sony Corporation		<input type="checkbox"/>	<input type="checkbox"/>
		WO	00/45799	08/10/2000	Bayer Aktiengesellschaft		<input type="checkbox"/>	<input type="checkbox"/>
		WO	00/78726 A1	12/28/2000	Eli Lilly and Company		<input type="checkbox"/>	<input type="checkbox"/>
		WO	02/20436 A2	03/14/2000	Neogeneis Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>

## OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS

*Examiner Initial	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION	
			YES	NO
ZND		Roth et al., "Zur Kondensation von Chalkonoxiden mit Hydroxylamin", <i>Arch. Pharm.</i> , Vol. 94, pp. 769-774, 1961.	<input type="checkbox"/>	<input type="checkbox"/>
		Samula, "Oksymowanice Azachalkonow", <i>Roczniki Chemii</i> , Ann. Soc. Chim. Polonorum, Vol. 45, pp. 2063, 1971.	<input type="checkbox"/>	<input type="checkbox"/>
		Samula, "Cyclization of Azachalcones and $\beta$ -Hydroxyketones Oximes", <i>Roczniki Chemii</i> , Ann soc. Chim. Polonorum, Vol. 48, pp. 959-964, 1974.	<input type="checkbox"/>	<input type="checkbox"/>
		Howe, et al., "Nitrile Oxide Cycloaddition Routes to 2-(Isoxazolyl)-benzoates and 2-(1,2,4-Oxadiazol-3-yl)benzoates", <i>Heterocycl. Chem.</i> , Vol. 19, No. 4, pp. 721-726, 1982.	<input type="checkbox"/>	<input type="checkbox"/>
		Belgodere et al., "Studies on Isomeric Pyridylisoxazoles", <i>Heterocycles</i> , Vol. 20, No. 3, pp. 501-504, 1983.	<input type="checkbox"/>	<input type="checkbox"/>
ZND		Batori et al., "Photoinduced Ring Transformation of Pyrido[1,2-b]pyridazinium-4-olate", <i>Tetrahedron</i> , Vol. 50, No. 16, pp. 4699-4708, 1994.	<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE

ZNDAVIS

DATE CONSIDERED

3/27/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Application Number</b>	10/646,348
				<b>Filing Date</b>	August 22, 2003
				<b>First Named Inventor</b>	Rajinder Singh
				<b>Art Unit</b>	1615- <del>1625</del> 1625
				<b>Examiner Name</b>	Unknown ZNDAMS
<b>Sheet</b>	3	<b>of</b>	3	<b>Attorney Docket Number</b>	28570/US/US
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
mond ↑ ↓ mond		Kanbara et al., "Preparation of Soluble and Fluorescent Poly(arylene)s by 1,3-Dipolar Polycycloaddition and Properties of the Polymers", <i>Polymer Bulletin</i> , Vol. 36, pp. 673-679, 1996.	<input type="checkbox"/>	<input type="checkbox"/>	
		Ku et al., "Use of Iodoacetylene as a Dipolarophile in the Synthesis of 5-Iodoisoxazole Derivatives", <i>Organic Letters</i> , Vol. 3, No. 26, pp. 4185-4187, 2001.	<input type="checkbox"/>	<input type="checkbox"/>	
		Maybridge, plc, Trevillet, Tintagel, Catalogue No. RF01972, Cornwall PL34 OHW, England.	<input type="checkbox"/>	<input type="checkbox"/>	
		Maybridge, plc, Trevillet, Tintagel, Catalog No. RF01996, Cornwall PL34 OHW, England.	<input type="checkbox"/>	<input type="checkbox"/>	
		Gatta et al, "Synthesis of [1,2,4]Triazoloquinazoline and [1,2,4]Triazolo-1,4-benzodiazepine derivatives", <i>J. Heterocyclic. Chem.</i> , Vol. 30, pp. 11-16, 1993.	<input type="checkbox"/>	<input type="checkbox"/>	
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<b>EXAMINER SIGNATURE</b> <i>Trina N. Davis</i>			<b>DATE CONSIDERED</b> 3/27/2006		
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.					

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Application Number	10/646,348
Filing Date	August 22, 2003
First Named Inventor	Rajinder Singh
Art Unit	1615-1625
Examiner Name	Unknown ZNDAVIS
Attorney Docket Number	28570/US/US

Sheet 1 of 2

**U.S. PATENT DOCUMENTS**

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		Country Code:	Number - Kind Code (if known)				YES	NO
gnd		DE	101 48 598	10/24/2002	Bayer AG		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		EP	1 180 518	02/20/2002	Takeda Chemical Industries, Ltd		<input type="checkbox"/>	<input type="checkbox"/>
		WO	03/029210	04/10/2003	Merck & Co. Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	02/46186	6/13/2002	Takeda Chemical Industries, Ltd		<input type="checkbox"/>	<input checked="" type="checkbox"/>
		WO	01/74811	10/11/2001	Takeda Chemical Industries, Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	01/78648	10/25/2001	Dong Wha Pham. Inc. Co. Ltd.		<input type="checkbox"/>	<input type="checkbox"/>
gnd		EP	1 348 706	10/01/2003	Takeda Chemical Industries, Ltd.		<input type="checkbox"/>	<input type="checkbox"/>

EXAMINER SIGNATURE *Zinn N Davis*DATE CONSIDERED *3/27/2006*

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Substitute for form 1449A/PTO				<b>Application Number</b> 10/646,348	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<b>Filing Date</b> August 22, 2003	
				<b>First Named Inventor</b> Rajinder Singh	
				<b>Art Unit</b> 1615-1625	
				<b>Examiner Name</b> Unknown ZNDAVIS	
<b>Sheet</b> 2	<b>of</b> 2	<b>Attorney Docket Number</b> 28570/US/US			
<b>OTHER DOCUMENTS - NON-PATENT LITERATURE DOCUMENTS</b>					
*Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	TRANSLATION		
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<b>EXAMINER SIGNATURE</b> Zinda N Davis		<b>DATE CONSIDERED</b> 3/27/2006			
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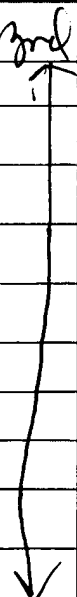

Application Number	10/646,348
Filing Date	August 22, 2003
First Named Inventor	Rajinder Singh
Art Unit	1645-1625
Examiner Name	Unknown ZUDAVIS

Sheet	1	of	2	Attorney Docket Number	28570/US/US
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Zud		US- 3,964,896	06-22-1976	Neidermyer et al.	
		US- 3,910,942	10-07-1975	Narayanan et al.	
		US- 3,335,149	08-08-1967	Preston	
		US- 2,852,503	09-16-1958	Edward et al.	
		US- 3,257,203	06-21-1966	Klupfel et al.	

**FOREIGN PATENT DOCUMENTS**

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		Country Code:	Number - Kind Code (if known)				YES	NO
		WO	00/40242	07-13-2000	Axxima Pharmaceuticals, AG		<input type="checkbox"/>	<input type="checkbox"/>
		EP	0 776 894	06-04-1997	Nippon Soda Co.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	02/055025	07-18-2002	University of North Carolina		<input type="checkbox"/>	<input type="checkbox"/>
		WO	03/040112	05-15-2003	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	04/018463	03-04-2004	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		FR	1 459 375	04-29-1966	Westinghouse Electric Corp.		<input type="checkbox"/>	<input type="checkbox"/>
		DE	21 37 719	02-08-1973	BASF AG		<input type="checkbox"/>	<input type="checkbox"/>
		DE	27 21 955	11-23-1978	BASF AG		<input type="checkbox"/>	<input type="checkbox"/>
		CH	559 195	02-28-4975	Lepetit Spa		<input type="checkbox"/>	<input type="checkbox"/>
		WO	04/103366	12-02-2004	Rigel Pharmaceuticals, Inc.		<input type="checkbox"/>	<input type="checkbox"/>
		WO	98/17652	04-30-1998	Boehringer Ingelheim Pharma		<input type="checkbox"/>	<input type="checkbox"/>
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